



Brighton and Sussex
University Hospitals
NHS Trust

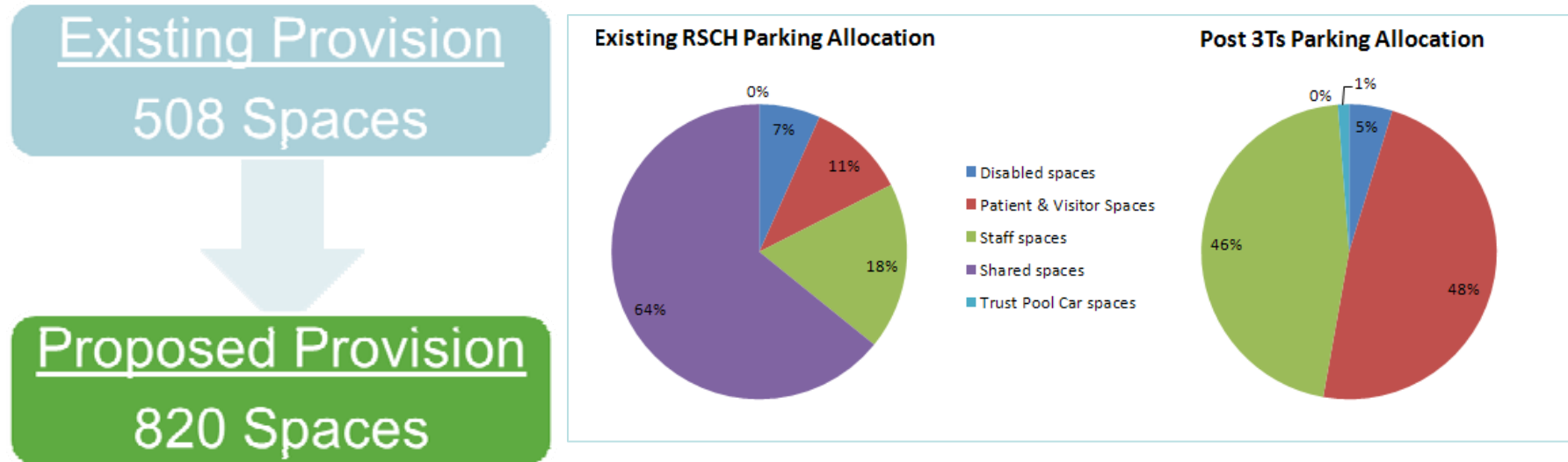


Brighton 3Ts Redevelopment

Traffic & Transportation



Car Parking Provision & Car Parking Management Strategy



- ❑ Additional spaces to be provided in Basement Car Park, accessed via Bristol Gate.
- ❑ Additional spaces represent approx 95% of permissible allocation under SPG4.
- ❑ Proposed Parking Management Strategy provides a greater ratio of Patient / Visitor spaces per bed than the national average for surveyed Teaching Hospitals.
- ❑ During construction temporary staff parking will be provided off-site.

Cycle Parking

- ❑ Additional 132 spaces to be provided outside hospital frontage, above SPG4 and BREEAM guidelines.

Travel Plan – reducing car trips to the hospital

- ❑ Existing Travel Plan already successful in reducing car trips made to the hospital.
 - ❑ Only 42% of staff travel to the hospital by car alone; and
 - ❑ 22% of staff travel to the hospital by bus.
- ❑ Average mode share of single occupancy car trips across UK hospitals is 57%; average UK bus mode share is 12%.

Headline New Initiatives Going Forward

- ❑ 40x Bus service capacity increase and improved timetable - currently saves 12,500 staff car trips & 500 patient car trips per month.
- ❑ Co2 Emission based parking permits.
- ❑ Potential Demand Responsive shuttle service for patients and staff.
- ❑ Potential personal journey planning service for staff.
- ❑ Lift sharing parking priority.



Highway Mitigation Measures

❑ Junction Capacity Improvements:

- ❑ Eastern Road / Bristol Gate
 - ❑ Widening of Bristol Gate to 2 lanes.
- ❑ Eastern Road / Arundel Road
 - ❑ Conversion of existing junction to traffic signals
- ❑ Eastern Road / Freshfield Road
 - ❑ Widening of Freshfield Road.

❑ Pedestrian and Cycling Improvements:

- ❑ New and relocated pedestrian crossings in front of hospital to match desire lines;
- ❑ Seating in front of hospital;
- ❑ Widened footway on northern side of Eastern Road outside hospital;
- ❑ Renewal and/or construction of dropped kerbs and tactile paving on footways surrounding the hospital; and
- ❑ Provision of advanced stop lines, and signage for cyclists.



Construction Traffic & Construction Consolidation Centre

- ❑ Construction consolidation centre location to be confirmed;
- ❑ Consolidation centre to be used for:
 - ❑ Crushing Facility (to avoid dust around RSCH);
 - ❑ Workforce Car Parking;
 - ❑ Site Office and Welfare;
 - ❑ Waste Transfer Station;
 - ❑ Store Lay Down Area; and
 - ❑ Vehicle Holding Area.
- ❑ Construction routing agreed with council with / without right turn into RSCH site, using primary roads wherever possible.
- ❑ Construction period from 2013 to 2022.
- ❑ Peak construction vehicle movements in 2014 with approx 80 vehicles per day comprising of:
 - ❑ 25 flat bed 40t vehicles (for precast materials);
 - ❑ 40 HGVs (for excavation/demolition materials & concrete/reinforcement materials); and
 - ❑ 15 Transit Vans to Articulated (for fit-out etc).

